

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**☐Declaration
Submitted
with Initial
Filing

OR

☒Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)**Attorney Docket Number**

NORTE-509A

First Named Inventor

James M. Cicchiello Ph.D.

COMPLETE IF KNOWN**Application Number**

10 / 675,066

Filing Date

09/30/2003

Art Unit

2633

Examiner Name

Unknown

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**AN AIRBORNE FREE-SPACE-OPTICAL SYSTEM UTILIZING THREE-TIER, ULTRAFINE
STEERING***(Title of the Invention)*

the specification of which

☐

is attached hereto

OR

☒

was filed on (MM/DD/YYYY)

09/30/2003

as United States Application Number or PCT International

Application Number

10/675,066

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent ApplicationDirect all correspondence to: ☒ Customer Number or Bar Code Label **007663** OR ☐ Correspondence address belowName **BRUCE B. BRUNDA**
STETINA BRUNDA GARRED & BRUCKERAddress **75 Enterprise, Suite 250**City **Aliso Viejo** State **CA** ZIP **92656**Country **USA** Telephone **(949) 855-1246** Fax **(949) 855-6371**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : ☐ A petition has been filed for this unsigned inventorGiven Name
(first and middle [if any]) **James M.**Family Name
or Surname **Cicchello, PhD.**Inventor's
Signature Date **11/10/03**Residence: City **Cary** State **IL** Country **USA** Citizenship **USA**Mailing Address **328 Carl Sands Drive**City **Cary** State **IL** ZIP **60013** Country **USA**NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventorGiven Name
(first and middle [if any]) **John**Family Name
or Surname **Featherston**Inventor's
Signature

Date

Residence: City **Fort Wayne** State **IN** Country **USA** Citizenship **USA**Mailing Address **2218 Windsong Court**City **Fort Wayne** State **IN** ZIP **46804** Country **USA**☐ Additional inventors are being named on the ____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.



PTO/SB/01 (10-01)

Approved for use through 10/31/2002. OMB 0851-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

 Direct all correspondence to. ☒ Customer Number 007663 OR ☐ Correspondence address below

BRUCE B. BRUNDA

Name STETINA BRUNDA GARRED & BRUCKERAddress 75 Enterprise, Suite 250City Aliso ViejoState CAZIP 92656Country USATelephone (949) 855-1246Fax (949) 855-6371

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

 NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this unsigned inventor

 Given Name
(first and middle [if any]) James M.

 Family Name
or Surname Cicchello, PhD.

 Inventor's
Signature

Date

Residence: City CarvState ILCountry USACitizenship USAMailing Address 328 Carl Sands DriveCity CarvState ILZIP 60013Country USA
 NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventor

 Given Name
(first and middle [if any]) John

 Family Name
or Surname Featherston

 Inventor's
Signature
Date 2/27/04Residence: City Fort WayneState INCountry USACitizenship USAMailing Address 2218 Windsong CourtCity Fort WayneState INZIP 46804Country USA
☐ Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.



Please type a plus sign (+) inside this box →



PTO/SB/02A (11-00)

Approved for use through 10/31/2002. CMB 0651-0092

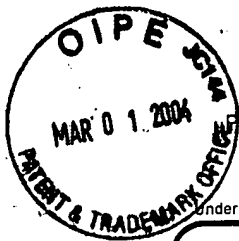
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION**ADDITIONAL INVENTOR(S)
Supplemental Sheet**Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jean Christopher		Shelton, PhD.	
Inventor's Signature <i>Jean Christopher Shelton</i>		Date <i>26 Feb 2004</i>	
Residence: City Los Gatos	State CA	Country USA	Citizenship USA
Mailing Address 20284 Bear Creek Road			
Mailing Address			
City Los Gatos	State CA	ZIP 95033	Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	
Filing Date	
First Named Inventor	James M. Cicchiello Ph.D.
Title	AN AIRBORNE FREE-SPACE..
Group Art Unit	
Examiner Name	
Attorney Docket Number	NORTE-509A

I hereby appoint:

☐ Practitioners at Customer Number **OR**

☒ Practitioner(s) named below:

Name	Registration Number
Terry J. Anderson, Esq.	24,271

Place Customer
Number Bar Code
Label here

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☒ Practitioners at Customer Number

OR

Place Customer
Number Bar Code
Label here

<input checked="" type="checkbox"/> Firm or Individual Name	Bruce B. Brunda				
Address	STETINA BRUNDA GARRED & BRUCKER				
Address	75 Enterprise, Suite 250				
City	Aliso Viejo	State	CA	Zip	92656
Country	USA				
Telephone	(949)855-1246	Fax	(949)855-6371		

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	James M. Cicchiello, Ph.D.
Signature	<i>James M. Cicchiello</i>
Date	11/10/03

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/91 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	
Filing Date	
First Named Inventor	James M. Cicchiello Ph.D.
Title	AN AIRBORNE FREE-SPACE..
Group Art Unit	
Examiner Name	
Attorney Docket Number	NORTE-509A

I hereby appoint:

☐ Practitioners at Customer Number
Place Customer
Number Bar Code
Label hereOR
☒ Practitioner(s) named below:

Name	Registration Number
Terry J. Anderson, Esq.	24,271

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☒ Practitioners at Customer Number Place Customer
Number Bar Code
Label here

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Bruce B. Brunda		
Address	STETINA BRUNDA GARRED & BRUCKER		
Address	75 Enterprise, Suite 250		
City	Aliso Viejo	State	CA Zip 92656
Country	USA		
Telephone	(949)855-1246	Fax	(949)855-6371

I am the:

☒ Applicant/Inventor.
☐ Assignee of record of the entire interest. See 37 CFR 3.71.
 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
SIGNATURE of Applicant or Assignee of Record

Name	John Featherston
Signature	<i>John Featherston</i>
Date	2/27/04

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of _____ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Washington DC 20231.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Northrop Grumman Corporation)
Serial No.: 10/675,066) Group Art Unit: 2633
Filed: September 30, 2003) Examiner:
For: AN AIRBORNE FREE-SPACE-OPTICAL)
SYSTEM UTILIZING THREE-TIER,)
ULTRAFINE STEERING)

ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

I hereby appoint Bruce B. Brunda, Reg. No. 28-497; William J. Brucker, Reg. No. 35,462; Mark B. Garred, Reg. No. 34,823; Lowell Anderson, Reg. No. 30,990; Marlene Klein, Reg. No. 43,718; In H. Kim, Reg. No. 44,184; Matthew A. Newboles, Reg. No. 36,224, and Eric L. Tanezaki, Reg. No. 40,196 of the Law Offices of Stetina Brunda Garred & Brucker located at 75 Enterprise, Suite 250, Aliso Viejo, California 92656, telephone no. (949) 855-1246, as associate attorneys and agents, with full power, to prosecute this application, and to transact all business in the Patent and Trademark Office connected with this application.

All future communications should be addressed to the undersigned.

Respectfully submitted,

Terry J. Anderson
Registration No. 24,271

Date: February 27, 2004

STETINA BRUNDA GARRED & BRUCKER
75 Enterprise, Suite 250
Aliso Viejo, CA 92656
(949)855-1246